

CLAIMS

Sub A2
What is claimed is:

1. An operating system for managing data in a computer, comprising:
 - a. a main dialog module containing a graphic-user interface (GUI) code for generating a GUI for interfacing between a host processor of the computer and a user;
 - b. a data module coupled to the main dialog module, the data module containing an operating code for causing the host processor to execute a predetermined action responsive to a computer command initiated at the GUI; and
 - c. a conflict dialog module coupled to the data module and having a list of conflicts, the data module causing the conflict dialog module to generate a conflict from the list of conflicts responsive to a selected predetermined action to be executed by the host processor,wherein the list of conflicts of the conflict dialog module is unaffected by a modification to the GUI code when the GUI code is modified with the modification.
2. The system of claim 1, wherein when the list of conflicts of the conflict dialog module is modified with a modification, the GUI code is unaffected by the modification to the list of conflicts of the conflict dialog module.
3. The system of claim 1, wherein when the GUI code is modified with a modification, the operating code of the data module is unaffected by the modification to the GUI code.
4. The system of claim 1, wherein when the operating code of the data

module is modified with a modification, the GUI code is unaffected by the modification to the operating code of the printer data module.

5. The system of claim 1, wherein at least one peripheral device is coupled to the host processor and operated by the operating code of the data module.

6. The system of claim 5, wherein the at least one peripheral device is a printer, a copy machine, a scanner, a fax machine, a key board, or any combination of them.

7. A system for managing data in a Windows® environment of a computer having a host processor, comprising:

- a. a printer properties main dialog module containing a graphic-user interface (GUI) code for generating a GUI for displaying data for a printer in operative communication with the host processor;
- b. a printer data module coupled to the printer properties main dialog module, the printer data module containing an operating code for operating the printer and causing the printer to execute a predetermined action corresponding to a computer command initiated at the GUI; and
- c. a conflict dialog module coupled to the printer data module and having a list of conflicts, each conflict corresponding to a condition of the printer and a selected predetermined action to be executed by the printer, the printer data module causing the conflict dialog module to generate a conflict from the list of conflicts.

8. The system of claim 7, wherein when the list of conflicts of the conflict dialog module is modified with a modification, the GUI code is

unaffected by the modification to the list of conflicts of the conflict dialog module.

9. The system of claim 7, wherein when the GUI code is modified with a modification, the operating code of the printer data module is unaffected by the modification to the GUI code.
10. The system of claim 7, wherein when the operating code of the printer data module is modified with a modification, the GUI code is unaffected by the modification to the operating code of the printer data module.
11. The system of claim 7, wherein when the GUI code is modified with a modification, the list of conflicts of the conflict dialog module is unaffected by the modification to the GUI code.
12. A method for managing data in a Windows® environment of a computer having a host processor, comprising the steps of:
 - a. generating a graphic-user interface (GUI) for displaying data for a printer in operative communication with the host processor from a GUI code;
 - b. causing the printer to execute a predetermined action corresponding to a computer command initiated at the GUI from an operating code; and
 - c. generating a conflict corresponding to a condition of the printer and a selected predetermined action to be executed by the printer from a list of conflicts.
13. The method of claim 12, further comprising the steps of:
 - a. modifying the list of conflicts with a modification; and
 - b. keeping the GUI code unaffected while the list of conflicts is

modified with the modification.

14. The method of claim 12, further comprising steps of modifying the GUI code with a modification and keeping the list of conflicts unaffected while the GUI code is modified with the modification.
15. The method of claim 12, further comprising steps of modifying the operating code with a modification and keeping the GUI code unaffected while the operating code is modified with the modification.
16. A system for managing data in a Windows® environment of a computer having a host processor, comprising:
- a. a processing means for generating a graphic-user interface (GUI) for displaying data for a printer in operative communication with the host processor from a GUI code;
 - b. an operating means for causing the printer to execute a predetermined action corresponding to a computer command initiated at the GUI from an operating code; and
 - c. a dialog means for generating a conflict from a list of conflicts, wherein each conflict is corresponding to a condition of the printer and a selected predetermined action to be executed by the printer.
17. The system of claim 16, further comprising means for keeping the GUI code unaffected while the list of conflicts is modified with a modification.
18. The system of claim 16, wherein the GUI code is modifiable, and further comprising means for keeping the list of conflicts unaffected while the GUI code is modified with a modification.

19. The system of claim 16, wherein the operating code is modifiable, and further comprising means for keeping the GUI code unaffected while the operating code is modified with a modification.
20. A computer program product in a computer readable medium of instructions, comprising:
- a. instructions within the computer readable medium for generating graphic-user interface (GUI) displaying data for a peripheral device in operative communication with a host processor of a computer;
 - b. instructions within the computer readable medium for operating the peripheral device and causing the peripheral device to execute a predetermined action corresponding to a computer command initiated at the GUI; and
 - c. instructions within the computer readable medium for producing a list of conflicts, each conflict corresponding to a condition of the peripheral device and a selected predetermined action to be executed by the peripheral device and a selected predetermined action to be executed by the peripheral device, wherein the instructions within the computer readable medium for generating GUI and the instructions within the computer readable medium for producing a list of conflicts are independently modifiable, and when the instructions within the computer readable medium for generating GUI is modified with a modification, the instructions within the computer readable medium for producing a list of conflicts are unaffected by the modification.
21. The computer program product of claim 20, wherein when the instructions within the computer readable medium for producing a list of conflicts are modified with a modification, the instructions within the computer readable medium for generating GUI are unaffected by

- 5 the modification to the instructions within the computer readable medium for producing a list of conflicts.
22. The computer program product of claim 20, wherein the instructions within the computer readable medium for operating the peripheral device and the instructions within the computer readable medium for generating GUI are independently modifiable.
23. The computer program product of claim 20, wherein when the instructions within the computer readable medium for operating the peripheral device are modified with a modification, the instructions within the computer readable medium for generating GUI are
5 unaffected by the modification to the instructions within the computer readable medium for operating the peripheral device.
24. The computer program product of claim 20, wherein when the instructions within the computer readable medium for generating GUI are modified with a modification, the instructions within the computer readable medium for operating the peripheral device are unaffected by
5 the modification to the instructions within the computer readable medium for generating GUI.
25. The computer program product of claim 20, wherein the peripheral device is a printer.
26. The computer program product of claim 20, wherein the peripheral device is a copy machine, scanner, or fax machine.